TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns harbor – Port of INDIANA

Site Abbreviation BHP Deployment No. 29

Field Deployment and Recovery

Field *Deployment* Technician Name Scott Keller Setup Date/Time 9/20/21 13:30 CST

Sample Run Date 9/21/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☑ Green power light should start to blink;
- ☑ Timer countdown should start indicating when sampling run will commence;
- ☑ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name Scott Keller Recovery Date/Time 9/22/21 10:55 CST

Q_{std} Avg Flow (liters/min)	225	Actual Start Date/Time	9/21/21 0:00
CV	0.21	Actual Stop Date/Time	9/22/21 0:00
Q_{std} Volume (m^3)	323.24	T_{amb} Avg (°C)	19.1
Elapsed Time (HH:MM)	23:59:45	P_{amb} Avg (mmHg)	745
Flags? *Expected flags: Completed, Q_{std}*	Power fail		

Sample Status: (VALID) VOID (circle one) **VOID Reason:** _____

Site Observations

Run Day Temperatures: High 70 Low 56 Source: Weather Channel

Run Day Precipitation: 0.5 in Rain

Run Day Wind/Wind Direction: NNW 14mph

Run Day Sky Cover: mostly Cloudy

Unusual Events? (fires, major storms, construction, etc.): _____

Maintenance

Check all that apply.

Weekly Checks:

- ☑ Power cords/plugs ok?
- ☑ Gaskets ok?
- ☑ Shelter ok?
- ☑ Tubing ok?
- ☑ Timer ok?
- ☑ Debris removed?

Monthly Checks: *(after 5th sample run of the month)*

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within **±2°C** of transfer standard?
- ☐ Pressure sensor within **±10 mmHg** of transfer standard?
- ☐ One-point flow verification within **±10%** of $Q_{Std\ PUFPLUS}$ ($0.225 \frac{m^3}{min}$)?

Maintenance Notes: